

# INTERFERENCE SEARCH

| Class | Subclass | Date       | Examiner |
|-------|----------|------------|----------|
| 380   | 228      | 09/16/2007 | ldt      |

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 1698 | "713"/\$.ccls. and (key\$1 with deriv\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 15:19 |
| S2    | 778  | "713"/\$.ccls. and (encryp\$4 with key\$1 with deriv\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/20 18:05 |
| S3    | 1    | "713"/\$.ccls. and (encryp\$4 with key\$1 with deriv\$3) same pad and @ad<="20001109"                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 15:25 |
| S4    | 0    | "713"/\$.ccls. and (encryp\$4 with key\$1 with deriv\$3) same keypad and @ad<="20001109"                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/20 18:05 |
| S5    | 5    | "380"/\$.ccls. and (encryp\$4 with key\$1 with deriv\$3) same keypad and @ad<="20001109"                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/04 13:16 |
| S6    | 7    | "380"/\$.ccls. and (encryp\$4 with key\$1 with deriv\$3) same (instructions with data) and @ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/30 13:33 |
| S7    | 3    | "380"/\$.ccls. and (encryp\$4 with key\$1 with creat\$3) same (instructions with data) and @ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/03/20 11:24 |
| S8    | 7    | "380"/\$.ccls. and (encryp\$4 with key\$1 with deriv\$3) same (instructions with data) and @ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/04 14:26 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S9  | 433 | "380"/\$.ccls. and (encryp\$4 with key\$1 with deriv\$3) and @ad<="20001109"                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/04 14:26 |
| S10 | 83  | "380"/\$.ccls. and (encryp\$4 with key\$1 with deriv\$3 with algorith\$5) and @ad<="20001109"                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/04 14:30 |
| S11 | 15  | "380"/\$.ccls. and (generat\$3 with encryp\$4 with key\$1 with deriv\$3 with algorith\$5) and @ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/04 14:32 |
| S12 | 1   | "380"/\$.ccls. and (generat\$3 with new near3 key\$1 with deriv\$3 with algorith\$5) and @ad<="20001109"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/04 14:34 |
| S13 | 9   | "380"/\$.ccls. and (generat\$3 with new near3 key\$1 with deriv\$3) and @ad<="20001109"                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/04 15:30 |
| S14 | 0   | "380"/\$.ccls. and encrypt3 near2 keypad and @ad<="20001109"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/04 15:30 |
| S15 | 14  | "380"/\$.ccls. and encrypt\$3 near2 keypad and @ad<="20001109"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/04 15:32 |
| S16 | 9   | "380"/\$.ccls. and encrypt\$3 near1 keypad and @ad<="20001109"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/04 16:44 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S17 | 13   | encrypt\$3 adj1 keypad and @ad<="20001109"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/04 16:44 |
| S18 | 1047 | "713"/\$.ccls. and (privat\$3 seeds) same (instruction\$3 algorithm\$3) and @ad<="20001109"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 15:30 |
| S19 | 208  | "713"/\$.ccls. and ((privat\$3 seeds) with (instruction\$3 algorithm\$3) with (data input\$3)) and @ad<="20001109"                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 15:38 |
| S20 | 167  | "713"/\$.ccls. and (((privat\$3 adj1 key)seeds) with (instruction\$3 algorithm\$3) with (data input\$3)) and @ad<="20001109"         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 15:41 |
| S21 | 812  | "713"/\$.ccls. and ((send\$3 receiv\$3) with ((privat\$3 adj1 key)seeds) ) and @ad<="20001109"                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 15:41 |
| S22 | 32   | "713"/\$.ccls. and ((send\$3 receiv\$3) with ((privat\$3 adj1 key)seeds) with file\$1 ) and @ad<="20001109"                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 16:11 |
| S23 | 0    | "713"/\$.ccls. and ((send\$3 receiv\$3) with ((privat\$3 adj1 key)seeds) with file\$1 near1 (includes contains)) and @ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 16:07 |
| S24 | 374  | "713"/\$.ccls. and ((send\$3 receiv\$3) near2 ((privat\$3 adj1 key)seeds)) and @ad<="20001109"                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 16:11 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S25 | 89  | "713"/\$.cccls. and ((send\$3<br>receiv\$3) near2 ((privat\$3 adj1<br>key)seeds) with (data packet\$1))<br>and @ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/17 16:11 |
| S26 | 163 | (creat\$3 near4 (new adj1 key\$1))<br>and @ad<="20001109"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/20 10:53 |
| S27 | 0   | (creat\$3 near4 (new adj1 encrypted<br>adj1 key\$1)) and<br>@ad<="20001109"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/20 10:53 |
| S28 | 0   | (creat\$3 with (new adj1 encrypted<br>adj1 key\$1)) and<br>@ad<="20001109"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/20 10:53 |
| S29 | 9   | ((new adj1 encrypted adj1 key\$1))<br>and @ad<="20001109"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/20 16:16 |
| S30 | 2   | ("6397224").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/20 16:45 |
| S31 | 2   | ("6167137").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/20 16:45 |
| S32 | 665 | (instruction\$3) with (encryption)<br>and @ad<="20001109"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/20 17:16 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S33 | 19  | ((instruction\$3) with (encryption) with (references)) and @ad<="20001109"                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/20 17:35 |
| S34 | 2   | ("5224166").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/20 17:35 |
| S35 | 580 | (reference with encrypt\$3 with key\$1) and @ad<="20001109"                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/20 18:06 |
| S36 | 10  | (instructions with references with encrypt\$3 with key\$1) and @ad<="20001109"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/20 18:06 |
| S37 | 2   | ("6167137").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/25 09:38 |
| S38 | 2   | ("6598023").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/25 09:38 |
| S39 | 1   | (encrypt\$3 with (keypad\$3 key-pad\$3)) same (instructions with data) and @ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/20 11:25 |
| S40 | 23  | (encrypt\$3 with (keypad\$3 key-pad\$3)) and (instructions with data) and @ad<="20001109"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/20 14:28 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S41 | 2   | ("4941176").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/20 14:33 |
| S42 | 2   | ("4941176").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/30 13:29 |
| S43 | 1   | "380"/\$.ccls. and keypad with<br>(deriv\$3 new) near2 keys and<br>@ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 13:35 |
| S44 | 40  | keypad with (deriv\$3 new) near2<br>keys and @ad<="20001109"                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 13:35 |
| S45 | 1   | keypad with (deriv\$3) near2 keys<br>and @ad<="20001109"                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 13:36 |
| S46 | 21  | keypad same(deriv\$3) near2 keys<br>and @ad<="20001109"                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 14:06 |
| S47 | 875 | (decryp\$3 with files) and<br>@ad<="20001109"                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 16:57 |
| S48 | 461 | (decryp\$3 with files with keys) and<br>@ad<="20001109"                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 14:07 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S49 | 101 | (decryp\$3 with files with encrypted near2 keys) and @ad<="20001109"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 14:08 |
| S50 | 0   | (decryp\$3 with files with encrypted near2 keys near4 algorithm) and @ad<="20001109"                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 14:08 |
| S51 | 46  | (decryp\$3 near2 files with encrypted near2 keys) and @ad<="20001109"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 14:10 |
| S52 | 8   | (decryp\$3 near2 files with (includ\$3 contain\$3) with encrypted near2 keys) and @ad<="20001109"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 14:14 |
| S53 | 191 | (encrypt\$3 adj2 key\$1 adj3 (files folders)) and @ad<="20001109"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 14:15 |
| S54 | 42  | (decrypt\$3 near3 (encrypt\$3 adj2 key\$1 adj3 (files folders))) and @ad<="20001109"                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 14:16 |
| S55 | 0   | (decrypt\$3 near3 (encrypt\$3 adj2 key\$1 adj3 (files folders container))) same keypad\$1 and @ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 14:16 |
| S56 | 3   | (decrypt\$3 near3 (encrypt\$3 adj2 key\$1 adj3 (files folders container))) and keypad\$1 and @ad<="20001109"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 14:18 |



## EAST Search History

|     |         |  |   |    |    |                  |
|-----|---------|--|---|----|----|------------------|
| S57 | 42      | (decrypt\$3 near3 (encrypt\$3 adj2 key\$1 adj3 (files folders container))) and @ad<="20001109"                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 14:19 |
| S58 | 0       | (decrypt\$3 near3 (encrypt\$3 adj2 key\$1 adj3 (files folders container))) same deriv\$2 adj3 keys and @ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 14:19 |
| S59 | 1       | (decrypt\$3 near3 (encrypt\$3 adj2 key\$1 adj3 (files folders container))) same new adj2 keys and @ad<="20001109"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 14:30 |
| S60 | 4777272 | (retrie\$ adj4 keys with encrypted (file\$1 folder\$1 contain\$3)) and @ad<="20001109"                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 14:31 |
| S61 | 25      | (retrie\$ adj4 keys with encrypted near2 (file\$1 folder\$1 contain\$3)) and @ad<="20001109"                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 14:44 |
| S62 | 0       | (retrie\$ adj4 keys near4 algorithms with encrypted near2 (file\$1 folder\$1 contain\$3)) and @ad<="20001109"          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 14:44 |
| S63 | 43      | (keys near4 algorithms with encrypted near2 (file\$1 folder\$1 contain\$3)) and @ad<="20001109"                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 14:45 |
| S64 | 1       | (stor\$3 near3 keys near4 algorithms with encrypted near2 (file\$1 folder\$1 contain\$3)) and @ad<="20001109"          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 14:52 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S65 | 43    | (keys near4 algorithms with encrypted near2 (file\$1 folder\$1 contain\$3)) and @ad<="20001109"                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 15:32 |
| S66 | 24305 | ((file\$1 folder\$1 contain\$3 cookies) near2 contain43 includes near2 keys) and @ad<="20001109"                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 15:03 |
| S67 | 445   | ((file\$1 folder\$1 contain\$3 cookies) near2 (contain43 includes compris\$3) near4 keys) and @ad<="20001109"                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 15:03 |
| S68 | 4     | ((file\$1 folder\$1 contain\$3 cookies) near2 (contain43 includes compris\$3) near4 keys near3 algorithms) and @ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 15:04 |
| S69 | 0     | (deriv\$2 with new near1 key with decryped near1 keys) and @ad<="20001109"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 15:33 |
| S70 | 0     | (new near1 key with decryped near1 keys) and @ad<="20001109"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 15:33 |
| S71 | 0     | (new near1 key same decryped near1 keys) and @ad<="20001109"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 15:33 |
| S72 | 6073  | ((new deriv\$3) adj2 keys) and @ad<="20001109"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 16:07 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S73 | 136 | ((new deriv\$3) adj2 keys)with<br>((encrypted decrypted)adj2 key\$1)<br>and @ad<="20001109"                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 16:08 |
| S74 | 0   | ((new deriv\$3) adj2 keys)with<br>((encrypted decrypted)adj2 key\$1)<br>same keypad and<br>@ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 16:08 |
| S75 | 13  | ((new deriv\$3) adj2 keys)with<br>((encrypted decrypted)adj2 key\$1)<br>and keypad and @ad<="20001109"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 16:13 |
| S76 | 4   | ((deriv\$3) adj2 keys)with<br>((encrypted decrypted)adj2 key\$1)<br>and keypad and @ad<="20001109"         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 16:23 |
| S77 | 2   | ("6802013").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/30 16:54 |
| S78 | 0   | (descrypted adj2 (key\$1) with (new<br>adj2 key\$1)) and<br>@ad<="20001109"                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 16:58 |
| S79 | 0   | (descrypted adj2 (key\$1) same<br>(new adj2 key\$1)) and<br>@ad<="20001109"                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 16:58 |
| S80 | 0   | (descrypted adj2 (key\$1 data)<br>same (new adj2 key\$1)) and<br>@ad<="20001109"                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 16:58 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S81 | 32   | (decrypted adj2 (key\$1) same (new adj2 key\$1)) and @ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 16:58 |
| S82 | 15   | (decrypted adj2 (key\$1) with (new adj2 key\$1)) and @ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 17:17 |
| S83 | 91   | (deriv\$3 with keypad) and @ad<="20001109"                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 18:06 |
| S84 | 1    | (deriv\$3 adj1 keys with keypad) and @ad<="20001109"                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 17:17 |
| S85 | 7    | (deriv\$3 adj1 keys same keypad) and @ad<="20001109"                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 18:05 |
| S86 | 2    | ("5745576").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/30 18:05 |
| S87 | 8766 | (keys with keypad) and @ad<="20001109"                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 18:06 |
| S88 | 71   | (stor\$3 adj2 keys with keypad) and @ad<="20001109"                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/30 18:07 |

## EAST Search History

|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| S89 | 1       | (stor\$3 adj2 keys with keypad) and deriv\$3 with keys and @ad<="20001109"    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 18:08 |
| S90 | 11      | (stor\$3 near4 keys with keypad) and deriv\$3 with keys and @ad<="20001109"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 18:10 |
| S91 | 6       | (encryption adj1 keys with keypad) and deriv\$3 with keys and @ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 18:14 |
| S92 | 11      | (encrypt\$3 with tags with commands) and @ad<="20001109"                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 18:16 |
| S93 | 663     | (command\$1 adj2 tags) and @ad<="20001109"                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 18:16 |
| S94 | 3       | (command\$1 adj2 tags) with encrypt\$3 and @ad<="20001109"                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 18:16 |
| S95 | 4       | (command\$1 adj2 tags) same encrypt\$3 and @ad<="20001109"                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 18:17 |
| S96 | 3385721 | (command\$1 adj2 tags) and keypad e and @ad<="20001109"                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 18:17 |

## EAST Search History

|          |     |  |   |    |    |                  |
|----------|-----|--|---|----|----|------------------|
| S97      | 31  | (command\$1 adj2 tags) and keypad and @ad<="20001109"                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 18:21 |
| S98      | 108 | (stor\$3 adj3 keys with keypads) and @ad<="20001109"                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 18:22 |
| S99      | 5   | (stor\$3 adj3 (encrypt\$3 encod\$4) near2 keys with keypads) and @ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 18:23 |
| S10<br>0 | 3   | "713"/\$.ccls. and (new deriv\$\$) with keys with keypad\$3 and @ad<="20001109"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/07 13:02 |
| S10<br>1 | 6   | "380"/\$.ccls. and (new deriv\$\$) with keys with keypad\$3 and @ad<="20001109"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/07 13:15 |
| S10<br>2 | 3   | "380"/\$.ccls. and (new deriv\$\$) near3 keys with keypad\$3 and @ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/07 13:18 |
| S10<br>3 | 20  | "380"/\$.ccls. and (new deriv\$\$) near3 keys same keypad\$3 and @ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/07 13:19 |
| S10<br>4 | 14  | "380"/\$.ccls. and (new deriv\$\$) adj2 keys same keypad\$3 and @ad<="20001109"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/07 13:51 |

## EAST Search History

|          |   |  |   |    |    |                  |
|----------|---|--|---|----|----|------------------|
| S10<br>5 | 2 | "380"/\$.ccls. and ((initial\$4 base\$4 near2 keys) with keypad\$3 and @ad<="20001109"         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/07 13:55 |
| S10<br>6 | 4 | "380"/\$.ccls. and ((initial\$4 base\$4 master) near2 keys) with keypad\$3 and @ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/07 14:44 |
| S10<br>7 | 0 | "380"/\$.ccls. and (new adj1 keys with keypad\$3) and @ad<="20001109"                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/07 14:45 |
| S10<br>8 | 1 | "380"/\$.ccls. and (new adj2 keys with keypad\$3) and @ad<="20001109"                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/07 14:45 |
| S10<br>9 | 3 | "380"/\$.ccls. and (new adj4 keys with keypad\$3) and @ad<="20001109"                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/07 14:47 |
| S11<br>0 | 1 | "713"/\$.ccls. and (new adj4 keys with keypad\$3) and @ad<="20001109"                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/07 14:47 |
| S11<br>1 | 0 | stor\$4 near3 (new adj4 keys with keypad\$3) and @ad<="20001109"                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/07 14:47 |
| S11<br>2 | 0 | stor\$4 near3 (deriv\$4 adj4 keys with keypad\$3) and @ad<="20001109"                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/07 14:48 |

## EAST Search History

|          |    |   |   |    |     |                  |
|----------|----|---|---|----|-----|------------------|
| S11<br>3 | 0  | stor\$4 near3 (deriv\$4 adj4 keys same keypad\$3) and @ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/07 14:48 |
| S11<br>4 | 0  | stor\$4 near4 (deriv\$4 adj4 keys same keypad\$3) and @ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/07 14:48 |
| S11<br>5 | 21 | (deriv\$4 adj4 keys same keypad\$3) and @ad<="20001109"               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/07 14:48 |
| S11<br>6 | 3  | (deriv\$4 adj4 keys with keypad\$3) and @ad<="20001109"               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/07 14:52 |
| S11<br>7 | 29 | (encrypt\$4 near2 keys with keypad\$3) and @ad<="20001109"            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/07 15:46 |
| S11<br>8 | 2  | ("4941176").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/07 15:46 |
| S11<br>9 | 0  | (creat\$3 near4 (new adj1 key\$1)) with keypad and @ad<="20001109"    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/11 06:59 |
| S12<br>0 | 0  | (creat\$3 near4 (new adj4 key\$1)) with keypad and @ad<="20001109"    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/11 06:59 |



## EAST Search History

|          |    |  |   |    |     |                  |
|----------|----|--|---|----|-----|------------------|
| S12<br>1 | 46 | ((new adj4 key\$1)) with keypad<br>and @ad<="20001109"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/11 06:59 |
| S12<br>2 | 2  | ((new adj4 key\$1) with keypad).ab.<br>and @ad<="20001109"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/11 07:00 |
| S12<br>3 | 1  | "713"/\$.ccls. and ((new adj4 key\$1)<br>with keypad) and<br>@ad<="20001109"                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/11 07:01 |
| S12<br>4 | 2  | "713"/\$.ccls. and ((new adj4 key\$1)<br>with (keypad\$4 keystroke\$4)) and<br>@ad<="20001109"               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/11 07:05 |
| S12<br>5 | 5  | "713"/\$.ccls. and ((encryption adj4<br>key\$1) with (keypad\$4<br>keystroke\$4)) and<br>@ad<="20001109"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/11 07:19 |
| S12<br>6 | 2  | "713"/\$.ccls. and (((new deriv\$4)<br>adj4 key\$1) with (keypad\$4<br>keystroke\$4)) and<br>@ad<="20001109" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/11 07:19 |
| S12<br>7 | 2  | ("6857119").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/11 11:05 |
| S12<br>8 | 2  | ("20030061342").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/11 11:05 |